BRUHATH BENGALURU MAHANAGARA PALIKE

BYTARAYANAPURA DIVISION, BANGALORE

EMB

1st & Final Bill

Name of Work: - Improvements to CC Roads And RCC Drains at Kuvempu Nagara 2nd Main Road and 4th B cross, and Surrounding area in Ward No.05

Estimated Cost:- 93.00 Lakhs

Job Code: - 005-20-000080

Work Order: - BBMP/EE/BTP/WO/242/19-20, Dated: 21.03.2020

AS No: - EE(BTP)/AS/115/19-20, Dated:-16.03.2020

TS No: - SE(YNK)/TS/51/19-20, Dated: - 16.03.2020

Name of the Contractor: - M/s KRIDL

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BRUHATH BANGALORE MAHANAGARAPALIKE

YELAHANKA ZONE

IST AND FINAL BILL

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:m o	Description of Item	No	L	B	D1	D2	D(avg)	Unit	Qty	Rate in Rs	Amount
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification										
	Qty Taken from Pre measurement page Item No. 1 page No. 1 & 2							Cum	1172.60	207.60	243431.76
2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.										
	Qty Taken from Pre measurement page Item No. 2 Page No. 2 & 3							Cum	175.89	5509.33	969035.47
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm										
	For Bed Concrete										
	For RCC Drain										
a	**Kuvempu Nagara, Kattigenahalli, 2nd Main Road**										
	RHS										
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	30.00	0.95	0.15	0.16	0.16		4.42		
		1	30.00	1.00	0.16	0.17	0.17		4.95		
		1	30.00	0.90	0.17	0.15	0.16		4.32		
		1	30.00	0.95	0.15	0.16	0.16		4.42		
		1	30.00	0.90	0.16	0.14	0.15		4.05		
		1	30.00	1.00	0.14	0.17	0.16		4.65		
		1	30.00	0.90	0.17	0.16	0.17		4.46		
		1	30.00	1.00	0.16	0.15	0.16		4.65		
		1	30.00	0.95	0.15	0.17	0.16		4.56		
		1	30.00	1.00	0.17	0.14	0.16		4.65		
		1	18.50	0.90	0.16	0.18	0.17		2.83		
		1	12.80	1.20	0.18	0.16	0.17		2.61		
		1	26.00	1.20	0.16	0.17	0.17		5.15		
		1	26.00	1.20	0.17	0.16	0.17		5.15		
		1	24.00	1.20	0.16	0.18	0.17		4.90		
		1	21.00	1.20	0.18	0.15	0.17		4.16		
	LHS										
		1	22.50	0.90	0.15	0.16	0.16		3.44		
		1	24.00	0.95	0.16	0.14	0.15		3.42		
		1	27.50	1.00	0.14	0.17	0.16		4.26		
		1	25.50	0.90	0.17	0.16	0.17		3.79		
		1	30.00	1.00	0.16	0.15	0.16		4.65		
		1	30.00	0.95	0.15	0.16	0.16		4.42		
		1	30.00	1.00	0.16	0.16	0.16		4.80		
		1	30.00	0.90	0.16	0.15	0.16		4.19		
		1	30.00	1.00	0.15	0.16	0.16		4.65		

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		1	30.00	0.90	0.16	0.14	0.15		4.05			
		1	24.00	0.90	0.14	0.16	0.15		3.24			
		1	30.00	1.00	0.16	0.15	0.16		4.65			
		1	30.00	0.95	0.15	0.16	0.16		4.42			
		1	30.00	0.90	0.16	0.14	0.15		4.05			
		1	30.00	1.00	0.14	0.15	0.15		4.35			
		1	30.00	0.90	0.15	0.15	0.15		4.05			
		1	1.00	0.90	0.15	0.16	0.16		0.14			
b	4th B Cross Kuvempunagar											
	RHS								28.9			
		1	30.00	0.90	0.15	0.17	0.16		4.32			
		1	30.00	1.00	0.17	0.16	0.17		4.95			
		1	28.00	0.90	0.16	0.15	0.16		3.91			
	LHS											
		1	30.00	1.00	0.16	0.16	0.16		4.80			
		1	9.00	0.90	0.16	0.15	0.16		1.26			
	For Side Wall											
	For RCC Drain								19.24			
a	Kuvempu Nagara, Kattigenahalli, 2nd Main Road											
	RHS											
		2	30.00	0.15	0.68	0.70	0.69		6.21			
		2	30.00	0.15	0.70	0.72	0.71		6.39			
		2	30.00	0.15	0.72	0.68	0.70		6.30			
		2	30.00	0.15	0.68	0.68	0.68		6.12			
		2	30.00	0.15	0.68	0.70	0.69		6.21			
		2	30.00	0.15	0.70	0.70	0.70		6.30			
		2	30.00	0.15	0.70	0.72	0.71		6.39			
		2	30.00	0.15	0.71	0.69	0.70		6.30			
		2	30.00	0.15	0.69	0.69	0.69		6.21			
		2	30.00	0.15	0.69	0.67	0.68		6.12			
		2	30.00	0.15	0.67	0.73	0.70		6.30			
		2	18.50	0.15	0.70	0.70	0.70		3.89			
		2	12.80	0.15	0.82	0.85	0.84		3.21			
		2	26.00	0.15	0.85	0.82	0.84		6.51			
		2	26.00	0.15	0.82	0.85	0.84		6.51			
		2	24.00	0.15	0.85	0.80	0.83		5.94			
		2	21.00	0.15	0.80	0.80	0.80		5.04			
	LHS								99.98			
		2	22.50	0.15	0.68	0.70	0.69		4.66			
		2	24.00	0.15	0.70	0.72	0.71		5.11			
		2	27.50	0.15	0.72	0.70	0.71		5.86			
		2	25.50	0.15	0.70	0.70	0.70		5.36			
		2	30.00	0.15	0.70	0.71	0.71		6.35			
		2	30.00	0.15	0.71	0.71	0.71		6.39			
		2	30.00	0.15	0.71	0.73	0.72		6.48			
		2	30.00	0.15	0.73	0.70	0.72		6.44			
		2	30.00	0.15	0.70	0.70	0.70		6.30			
		2	30.00	0.15	0.70	0.72	0.71		6.39			
		2	24.00	0.15	0.72	0.72	0.72		5.18			
		2	30.00	0.15	0.72	0.70	0.71		6.39			
		2	30.00	0.15	0.70	0.70	0.70		6.30			
		2	30.00	0.15	0.70	0.72	0.71		6.39			
		2	30.00	0.15	0.72	0.70	0.71		6.39			
		2	30.00	0.15	0.70	0.70	0.70		6.30			
		2	1.00	0.15	0.70	0.72	0.71		0.21			
b	4th B Cross Kuvempunagar								96.5			
	RHS											
		2	30.00	0.15	0.66	0.74	0.70		6.30			
		2	30.00	0.15	0.70	0.70	0.70		6.30			
		2	28.00	0.15	0.70	0.72	0.71		5.96			
	LHS											
		2	30.00	0.15	0.67	0.73	0.70		6.30			
		2	9.00	0.15	0.73	0.67	0.70		1.89			
							Present Qty=	Cum	382.64	7189.42	2750966.89	

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4	Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications										
	Qty Taken from Pre measurement page Item No. 4 Page No. 3 to 6								Tonne	24.93	72326.98	1803111.61
5	Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges,curing and concrtee finished surface on both sides etc,and complete as per the directions of Enginner in charges.(Data Rate)										
	For RCC Drain										
a	**Kuvempu Nagara, Kattigenahalli, 2nd Main Road**										
	RHS	1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90					297	27.00	
		1	18.50	0.90						16.65	
		1	12.80	1.20						15.36	
		1	26.00	1.20						31.20	
		1	26.00	1.20						31.20	
		1	24.00	1.20						28.80	
		1	21.00	1.20						25.20	
	LHS								148.41		
		1	22.50	0.90						20.25	
		1	24.00	0.90						21.60	
		1	27.50	0.90						24.75	
		1	25.50	0.90						22.95	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	24.00	0.90						21.60	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	1.00	0.90						0.90	
b	**4th B Cross Kuvempunagar**								523.35		
	RHS										
		1	30.00	0.90						27.00	
		1	30.00	0.90						27.00	
		1	28.00	0.90						25.20	
	LHS	1	30.00	0.90						27.00	
		1	9.00	0.90						8.10	
									Present Qty=	968.76		
									Limited to Qty	959.40	2337.00	2242117.80
											Total	8008663.53
											GST Charges 12%	961039.62
											KRIDL Charges 4%	320346.54
											Grand Total	9290049.69

Assistant Engineer
Ward No.05

3

Assistant Executive Engineer
Bytarayanapura Sub-Division

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Name of Work: Improvements to CC Roads And RCC Drains at Kuvempu Nagara 2nd Main Road and 4th B cross, and Surrounding area in Ward No.05

Pre Measurements

Pre measurement recorded on:

Item No	Description of Item	No	L	B	D	Qty	Unit
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification						
	For RCC Drain						
a	**Kuvempu Nagara, Kattigenahalli, 2nd Main Road**						
	RHS						
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	18.50	1.10	1.00	20.35	
		1	12.80	1.50	1.10	21.12	
		1	26.00	1.50	1.10	42.90	
		1	26.00	1.50	1.10	42.90	
		1	24.00	1.50	1.10	39.60	
		1	21.00	1.50	1.10	34.65	
	LHS						
		1	22.50	1.10	1.00	24.75	
		1	24.00	1.10	1.00	26.40	
		1	27.50	1.10	1.00	30.25	
		1	25.50	1.10	1.00	28.05	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	24.00	1.10	1.00	26.40	
		1	30.00	1.10	1.00	33.00	

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